

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/050723

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08B37/00 C08B37/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, INSPEC, BIOSIS, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CHEMICAL ABSTRACTS Chemical Abstracts Service, Columbus OH/USA; AN 136:134987 CA 2000, XP002255493	1,2,4,6, 7
Y	abstract	3
X	& KR 2000 012 173 A (REPUBLIC OF KOREA) TAEHO KONGBO) 6 March 2000 (2000-03-06)	1,2,4,6, 7
Y	claims 1,2; example 15	3,5
X	E. A. BALAZS ET AL.: "Irradiation of Mucopolysaccharides with Ultraviolet Light and Electrons" RADIATION RESEARCH, vol. 11, 1959, pages 149-164, XP009018283 page 150, paragraph 4 page 162, paragraphs 1,2	1-3,6,7
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

5 August 2004

Date of mailing of the international search report

19/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Radke, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050723

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KURSHID A. KHAN ET AL.: "Chemical Effects of UV Radiation on Aqueous Solutions of Heparin-Ca Salt" POLYMER PHOTOCHEMISTRY, vol. 6, no. 6, 1985, pages 465-474, XP009018431 England cited in the application *The abstract* page 470, lines 8-14	3
Y	WO 90/04607 A (OPOCRIN SPA) 3 May 1990 (1990-05-03) claims 1,5,6,10,11	5
A	A. BLAZKOVA ET AL.: "Photocatalytic degradation of heparin over titanium dioxide" JOURNAL OF MATERIALS SCIENCE, vol. 30, no. 3, 1995, pages 729-733, XP009018286 page 730, left-hand column, paragraph 2 page 731, left-hand column, paragraph 3	1-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/050723

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
KR 2000012173	A	06-03-2000	NONE	
WO 9004607	A	03-05-1990	IT 1230582 B	28-10-1991
			AT 119547 T	15-03-1995
			AU 639427 B2	29-07-1993
			AU 4801290 A	14-05-1990
			DE 68921633 D1	13-04-1995
			DE 68921633 T2	19-10-1995
			WO 9004607 A2	03-05-1990
			EP 0439555 A1	07-08-1991
			ES 2021905 A6	16-11-1991
			JP 2960158 B2	06-10-1999
			JP 4502928 T	28-05-1992
			KR 148799 B1	17-08-1998